

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(2002/0172967).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/05 11:45
L2	0	(2002/00172967).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/05 11:43
L3	135	(562/622).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/05 13:43
L4	544	(514/575).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/05 11:43
L5	20430	benzamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/05 12:23
L6	641	L3 or L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/05 11:43
L7	2	("20020172967").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/05 11:43
L8	2	("5700811").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/05 11:43
L9	2	("5369108").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/05 11:43
L10	2	("6087367").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/05 11:43
L11	38	L3 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/05 11:43

EAST Search History

L12	113	L5 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/05 11:43
L13	0	(2002/0172967).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/05 11:45
L14	15	(benzamide and (hydroxamic or hydroxamate)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/05 12:31
L16	339	(562/621).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/05 13:44
L18	37	I5 and I16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/05 13:45

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS	2	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	3	JAN 16	CA/CAPplus Company Name Thesaurus enhanced and reloaded
NEWS	4	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	5	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	6	JAN 22	CA/CAPplus updated with revised CAS roles
NEWS	7	JAN 22	CA/CAPplus enhanced with patent applications from India
NEWS	8	JAN 29	PHAR reloaded with new search and display fields
NEWS	9	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	10	FEB 15	PATDPASPC enhanced with Drug Approval numbers
NEWS	11	FEB 15	RUSSIAPAT enhanced with pre-1994 records
NEWS	12	FEB 23	KOREAPAT enhanced with IPC 8 features and functionality
NEWS	13	FEB 26	MEDLINE reloaded with enhancements
NEWS	14	FEB 26	EMBASE enhanced with Clinical Trial Number field
NEWS	15	FEB 26	TOXCENTER enhanced with reloaded MEDLINE
NEWS	16	FEB 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS	17	FEB 26	CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS	18	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS	19	MAR 16	CASREACT coverage extended
NEWS	20	MAR 20	MARPAT now updated daily
NEWS	21	MAR 22	LWPI reloaded
NEWS	22	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS	23	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS	24	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS	25	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS	26	APR 30	CA/CAPplus enhanced with 1870-1889 U.S. patent records
NEWS	27	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS	28	MAY 01	New CAS web site launched
NEWS	29	MAY 08	CA/CAPplus Indian patent publication number format defined
NEWS	30	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS	31	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS	32	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS	33	MAY 21	CA/CAPplus enhanced with additional kind codes for German patents
NEWS	34	MAY 22	CA/CAPplus enhanced with IPC reclassification in Japanese patents
NEWS EXPRESS			NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 12:28:35 ON 05 JUN 2007

=> le reg

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=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:28:46 ON 05 JUN 2007

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STRUCTURE FILE UPDATES: 4 JUN 2007 HIGHEST RN 936539-19-4
DICTIONARY FILE UPDATES: 4 JUN 2007 HIGHEST RN 936539-19-4

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> e Benzamide, 4-(benzoylamino)-N-hydroxy-/cn

E1	1	BENZAMIDE, 4-(BENZOYLAMINO)-N-HEPTYL-/CN
E2	1	BENZAMIDE, 4-(BENZOYLAMINO)-N-HEXYL-/CN
E3	1 -->	BENZAMIDE, 4-(BENZOYLAMINO)-N-HYDROXY-/CN
E4	1	BENZAMIDE, 4-(BENZOYLAMINO)-N-METHYL-/CN
E5	1	BENZAMIDE, 4-(BENZOYLAMINO)-N-METHYL-N-(2-(1-PIPERIDINYL)PHE NYL)-/CN
E6	1	BENZAMIDE, 4-(BENZOYLAMINO)-N-METHYL-N-(2-(4-PHENYL-1-PIPERI DINYL)-4-PYRIMIDINYL)-/CN
E7	1	BENZAMIDE, 4-(BENZOYLAMINO)-N-METHYL-N-(2-(4-PHENYL-1-PIPERI DINYL)-4-PYRIMIDINYL)-, MONO(4-METHYLBENZENESULFONATE)/CN
E8	1	BENZAMIDE, 4-(BENZOYLAMINO)-N-METHYL-N-(PHENYLMETHYL)-/CN
E9	1	BENZAMIDE, 4-(BENZOYLAMINO)-N-METHYL-N-PHENYL-/CN
E10	1	BENZAMIDE, 4-(BENZOYLAMINO)-N-OCTYL-/CN

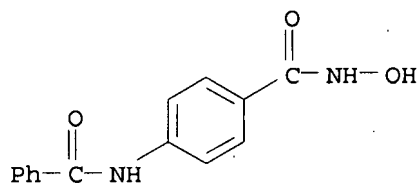
E11 1 BENZAMIDE, 4-(BENZOYLAMINO)-N-PENTYL-/CN
E12 1 BENZAMIDE, 4-(BENZOYLAMINO)-N-PHENYL-/CN

=> e3

L1 1 "BENZAMIDE, 4-(BENZOYLAMINO)-N-HYDROXY-"/CN

=> d l1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 847249-45-0 REGISTRY
ED Entered STN: 25 Mar 2005
CN Benzamide, 4-(benzoylamino)-N-hydroxy- (9CI) (CA INDEX NAME)
MF C14 H12 N2 O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.35

7.56

FILE 'CAPLUS' ENTERED AT 12:29:36 ON 05 JUN 2007

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FILE COVERS 1907 - 5 Jun 2007 VOL 146 ISS 24

FILE LAST UPDATED: 4 Jun 2007 (20070604/ED)

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<http://www.cas.org/infopolicy.html>

=> l1

L2 4 L1

=> d 12 1-4 ti fbib abs

L2 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
TI Hydroxamic acid derivative histone deacetylase inhibitors, and their
therapeutic use
AN 2006:333299 CAPLUS
DN 144:343645
TI Hydroxamic acid derivative histone deacetylase inhibitors, and their
therapeutic use
IN Chakravarty, Prasun K.; Kuo, Howard; Matthews, Jay M.; Meinke, Peter T.
PA Merck & Co., Inc., USA
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006017214	A2	20060216	WO 2005-US24512	20050708
	WO 2006017214	A3	20060601		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
				US 2004-587233P	P 20040712
AU	2005271841	A1	20060216	AU 2005-271841	20050708
				US 2004-587233P	P 20040712
				WO 2005-US24512	W 20050708
CA	2573369	A1	20060216	CA 2005-2573369	20050708
				US 2004-587233P	P 20040712
				WO 2005-US24512	W 20050708
EP	1789381	A2	20070530	EP 2005-770022	20050708
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
				US 2004-587233P	P 20040712
				WO 2005-US24512	W 20050708
IN	2007DN01003	A	20070427	IN 2007-DN1003	20070207
				US 2004-587233P	P 20040712
				WO 2005-US24512	W 20050708

OS MARPAT 144:343645
AB The invention discloses hydroxamic acid derivs. that are inhibitors of
histone deacetylase. The compds. are useful for treating cellular
proliferative diseases, including cancer. Further, the compds. are useful
for treating neurodegenerative diseases, schizophrenia, and stroke, among
other diseases. The compds. also have antiprotozoal properties. Compound
preparation is included.

L2 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
TI Structure-Based Optimization of Phenylbutyrate-Derived Histone Deacetylase
Inhibitors
AN 2005:604284 CAPLUS
DN 143:259486
TI Structure-Based Optimization of Phenylbutyrate-Derived Histone Deacetylase
Inhibitors
AU Lu, Qiang; Wang, Da-Sheng; Chen, Chang-Shi; Hu, Yuan-Dong; Chen,

Ching-Shih
 CS Division of Medicinal Chemistry, College of Pharmacy, The Ohio State
 University, Columbus, OH, 43210, USA
 SO Journal of Medicinal Chemistry (2005), 48(17), 5530-5535
 CODEN: JMCMAR; ISSN: 0022-2623
 PB American Chemical Society
 DT Journal
 LA English
 OS CASREACT 143:259486
 AB Previously, the authors developed a strategy to develop a novel class of
 histone deacetylase (HDAC) inhibitors by tethering short-chain fatty acids
 with Zn²⁺-chelating motifs, which led to N-hydroxy-4-(4-phenylbutyryl-
 amino)benzamide (HTPB), a hydroxamate-tethered phenylbutyrate derivative with
 sub-micromolar potency in inhibiting HDAC activity and cancer cell
 proliferation. In this study, the authors carried out structure-based
 optimization of HTPB by using the framework generated by the structure of
 histone deacetylase-like protein (HDLP)-trichostatin A (TSA) complexes.
 Docking of HTPB into the HDLP binding domain suggested that the
 hydrophobic microenvironment encompassed by Phe-198 and Phe-200 could be
 exploited for structural optimization. This premise was corroborated by
 the greater potency of (S)-(+)-N-hydroxy-4-(3-methyl-2-phenylbutyrylamino)-
 benzamide [(S)-11] (IC₅₀ in HDAC inhibition, 16 nM), of which the iso-Pr
 moiety was favorable in interacting with this hydrophobic motif. (S)-11
 at concns. as low as 0.1 μM was effective in causing histone
 hyperacetylation and p21WAF/CIP1 overexpression and suppressing
 proliferation in cancer cells.

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Zn²⁺-chelating motif-tethered short-chain fatty acids as a novel class of
 histone deacetylase inhibitors and their use as anticancer agents
 AN 2005:540452 CAPLUS
 DN 143:55641
 TI Zn²⁺-chelating motif-tethered short-chain fatty acids as a novel class of
 histone deacetylase inhibitors and their use as anticancer agents
 IN Chen, Ching-Shih; Qiang, Lu
 PA The Ohio State University Research Foundation, USA
 SO PCT Int. Appl., 90 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005055928	A2	20050623	WO 2004-US40211	20041201
	WO 2005055928	A3	20051006		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2004296764	A1	20050623	US 2003-526348P	P 20031202
				AU 2004-296764	20041201
				US 2003-526348P	P 20031202
				WO 2004-US40211	W 20041201
	CA 2552279	A1	20050623	CA 2004-2552279	20041201
				US 2003-526348P	P 20031202

EP 1696898 A2 20060906 WO 2004-US40211 W 20041201
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS
 US 2003-526348P P 20031202
 WO 2004-US40211 W 20041201

OS CASREACT 143:55641; MARPAT 143:55641

AB The invention relates to histone deacetylase (HDAC) inhibitors including Zn²⁺-chelating motifs, based on short-chain fatty acids. Preparation of the HDAC inhibitors is described. Some of the HDAC inhibitors displayed antiproliferative activities at sub- μ M concns. and can be used as anticancer agents. The compds. performed well in in vitro and in vivo tests.

L2 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

TI Preparation of arylhydroxamates as elastase and collagenase expression inhibitors for preventing skin aging.

AN 2005:182616 CAPLUS

DN 142:279954

TI Preparation of arylhydroxamates as elastase and collagenase expression inhibitors for preventing skin aging.

IN Rho, Ho Sik; Baek, Heung Soo; Kim, Su Jong; Kim, Su Nam; Chae, Byung Geun; Lee, Byoung Seok; Kim, Bae Hwan; Choi, Gyu Ho; Son, Eui Dong; Lee, Hae Kwang; Lee, Hye Won; Cho, Jun-cheol; Kim, Duck Hee; Chang, Ih Seop; Lee, Ok Sub

PA Amorepacific Corporation, S. Korea

SO PCT Int. Appl., 58 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005019162	A1	20050303	WO 2004-KR2143	20040826
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	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				KR 2003-59177	A 20030826
				KR 2004-20401	A 20040325
				KR 2004-54886	A 20040714
	KR 2006005892	A	20060118	KR 2004-54886	20040714
	EP 1660437	A1	20060531	EP 2004-774404	20040826
	R: FR				
				KR 2003-59177	A 20030826
				KR 2004-20401	A 20040325
				KR 2004-54886	A 20040714
				WO 2004-KR2143	W 20040826
	CN 1839115	A	20060927	CN 2004-80024139	20040826
				KR 2003-59177	A 20030826
				KR 2004-20401	A 20040325
				KR 2004-54886	A 20040714
				WO 2004-KR2143	W 20040826
	JP 2007503430	T	20070222	JP 2006-524575	20040826
				KR 2003-59177	A 20030826
				KR 2004-20401	A 20040325
				KR 2004-54886	A 20040714

US 2006252834

A1

20061109

WO 2004-KR2143

US 2006-595124

KR 2003-59177

KR 2004-20401

KR 2004-54886

WO 2004-KR2143

W 20040826

20060615

A 20030826

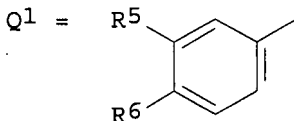
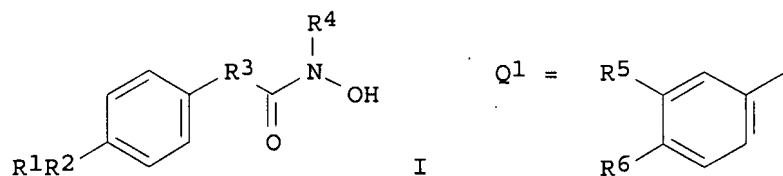
A 20040325

A 20040714

W 20040826

OS MARPAT 142:279954

GI



AB Title compds. [I; R1 = adamantyl, Q1; R5, R6 = H, alkyl, cycloalkyl; R2 = CONH, NHCO, CONR7, NR7CO; R7 = alkyl; R3 = (CH)n; n = 0, 1; R4 = H, alkyl], were prepared Thus, 4-(phenylcarbonylamino)benzoic acid (preparation given) in pyridine at 10° was treated dropwise with Et chloroformate followed by stirring for 2 h at room temperature to give the anhydride. This was added to NH2OH.HCl in pyridine at 10° followed by stirring for 30 min. to give 65% N-[4-(N-hydroxycarbamoyl)phenyl]benzamide. The latter reduced collagenase expression in vitro to 78% of controls, vs. 85% for retinol.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT